

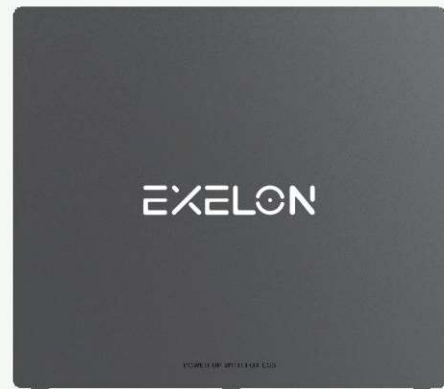
ESS EP11

HIGH VOLTAGE STORAGE BATTERY
From Exelon



The EP11 is a high-performance, scalable battery storage system, allows for maximum flexibility, making it suitable for a broad range of storage applications. Additional batteries can be installed in parallel allowing for a maximum storage capacity of 41.6kwh.

- Scalable to 41.6 kWh
- 90% Depth of Discharge
- Floor or Wall Mounting
- Compact & Easy Installation
- IP65 Protection Level
- High Voltage and High Efficiency



Safety
Reliable



Easy
Installation



High
Efficiency



Expandable
System



90%
DoD

EXELON EP11

HIGH VOLTAGE STORAGE BATTERY

| SYSTEM NAME | EP11 |
|---|---------------------------------------|
| ELECTRICAL CHARACTERISTICS | |
| Compatible PCS | All Series of H1, KH, H3, H3-Pro, US |
| Battery Type | LifePO4 Prismatic Cell |
| Nominal Energy [kWh] | 10.36 |
| Nominal Voltage [V] | 384 |
| Operating Voltage [V] | 348 ~ 438 |
| Max.Charge/Discharge Current [A]*1 | 27 |
| Recommend Charge Current [A] | 13.5 |
| Peak Discharge Current [A] | 65 @60s |
| Peak Charge Current [A] | 32.4 @5s |
| Battery Pack Round-Trip Efficiency [%] | ≥95 |
| Depth of Discharge [%] | 90 |
| Cycle Life | ≥4000 |
| Communication | CAN |
| Display | LED*5 |
| Scalability | Max. 4 Units in Parallel |
| OPERATING CONDITIONS | |
| Installation Location | Outdoor/ Indoor |
| Operating Temperature [°C] | Charge: 0 ~ 55 Discharge: -10 ~ 55 |
| Storage Temperature [°C] | 0~35 |
| Cooling Method | Natural Convection |
| Humidity [%] | 5 ~ 95 (No Condensing) |
| Altitude [m] | Max. 2,000 |
| MECHANICAL CHARACTERISTICS | |
| Dimensions (W*H*D) [mm] | 710*625*147 |
| Weight [kg] | 99±2 |
| CERTIFICATES | |
| Safety | IEC62619 |
| EMC | EN IEC 61000-6-1/3 |
| Transportation | UN38.3 |
| Ingress Protection | IP65 |

*1, The current is affected by temperature, cell voltage and SOC.